

## Education

### Princeton University

PRINCETON, NEW JERSEY

**A.B. in Computer Science** (3.44 GPA)

May 2022

Coursework in Object Oriented Software Development, Advanced Programming Techniques, Information Security, Database Systems, and Computational Biology

**Certificate in Spanish Language and Culture**

May 2022

### University of Melbourne

MELBOURNE, AUSTRALIA

**Semester Study Abroad** (3.85 GPA)

Spring 2020

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## Skills

**Programming Languages:** Python, Java, SQL, Swift, JavaScript, HTML/CSS, R, C#

**Frameworks & Tools:** Flask, React, SwiftUI, Git,  $\LaTeX$ , Unix utilities

**Natural Languages:** English (*Native*), Spanish (*Proficient*), French (*Elementary Proficiency*)

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## Experience

### Latent Knowledge Solutions Inc.

REMOTE

#### Technical Lead

May 2022 – Present

- Maintained backend Flask API and coordinated integration with React frontend
- Supervised onboarding, feature planning, and task delegation for four developers
- Managed product release schedule and ran final deployment pipeline on AWS

#### Founding Engineer

June 2020 – August 2021

- Developed MVP for LitView ([litview.co](https://litview.co)), an online research platform, using React and Flask
- Implemented product analytics to track and understand user activity using Amplitude
- Launched pilot programs to validate product at two universities for over 100 users

### Princeton Summer Programming Experience

PRINCETON, NEW JERSEY

#### Summer Intern

June 2019 – July 2019

- Designed and developed 3D video game using C# and the Unity game engine
- Demonstrated final product during capstone event to Princeton faculty and program cohort

*A complete list of work experience is available at [linkedin.com/in/williamsvoboda](https://www.linkedin.com/in/williamsvoboda).*

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## Projects

### “Applications of Geospatial Data in Digital Communication”

Fall 2021 – Spring 2022

- Created full-stack application to explore proximity-based messaging as part of senior thesis
- Deployed to the App Store and tested on Princeton’s campus with 18 students

### “Teaching Graph Traversal Visually”

Spring 2021

- Designed assignment to teach graph search algorithms to Princeton students
  - Created interactive visualizer and autograder in Python to evaluate student understanding
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## Awards

### National Science Foundation Propellus I-Corps Awardee

Spring 2023

- Accepted to the four-week I-Corps Regional Program for entrepreneurial development
- Received \$3000 NSF grant for product validation and customer discovery

### Army ROTC Scholarship

Fall 2018

- Awarded full four-year college scholarship for merit and grades

### Eagle Scout Award

Fall 2015

- Recognized for extensive service project and leadership in local community